



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090291

**Mode:** Highway

**Status:** Submitted

### SR-1573 (Dow Road)

**From/Cross Street:** US 421 in Carolina Beach

**Specific Improvement Type:** 16 - Modernize Roadway

**To:** US 421 in Kure Beach

**Project Category:** Division Needs

**Length:** 3.97

**TIP#:** R-4708

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$27,930,000

#### Description:

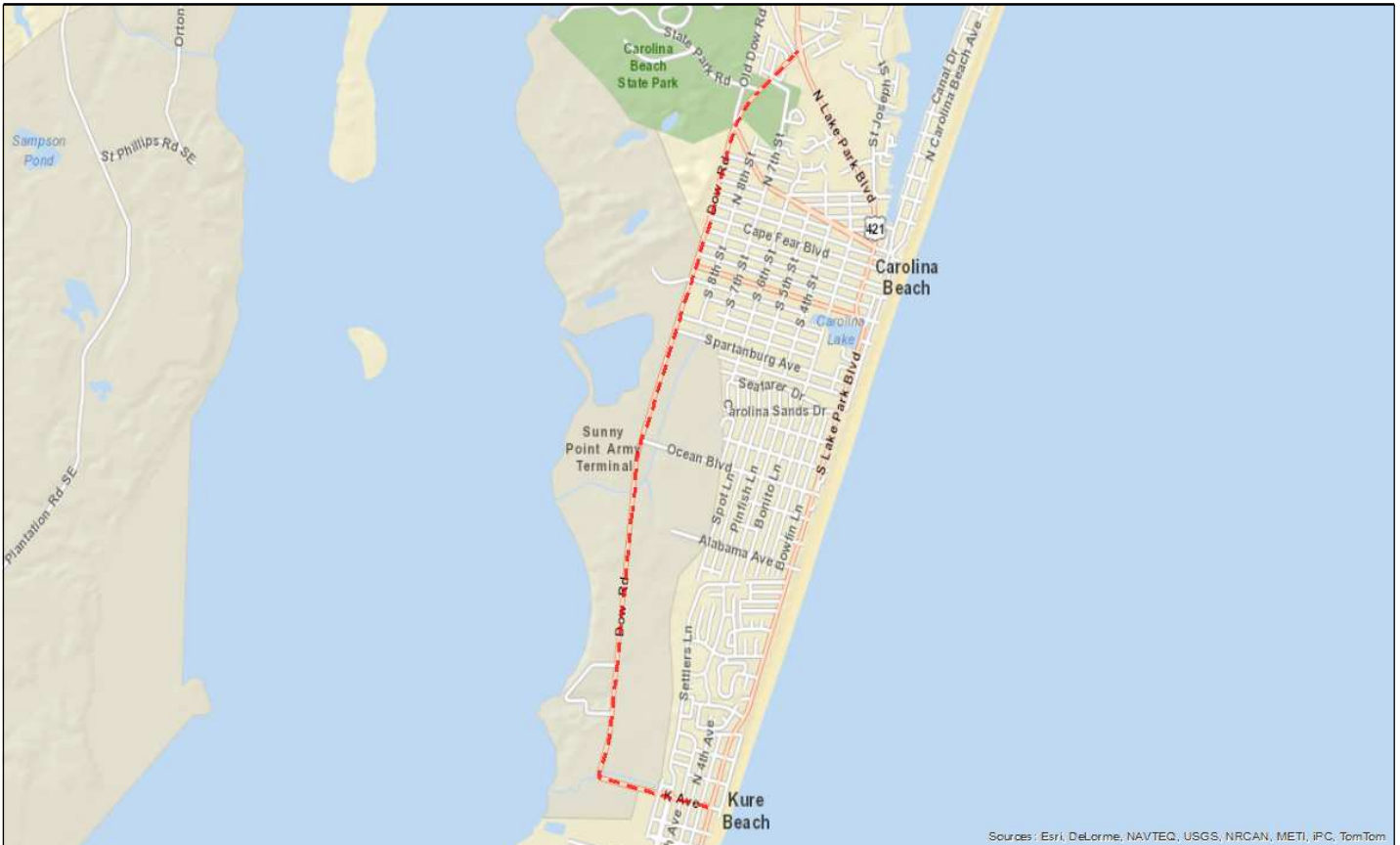
Widen to Multi-Lanes

**Division(s):** Division 3

**County(s):** NEW HANOVER

**MPOS(s)/RPO(s):** Wilmington Urban Area MPO

#### Project Location



Sources: Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, IPC, TomTom

**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	Percent: 15% Points:	Percent: 15% Points:

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 21.79 Safety (20%) 45.52 Multimodal + [Freight & Military] (10%) 8.21 <b>Totals: Weight: 50% Weighted Score: 14.28</b>	Percent: 25% Points:	Percent: 25% Points:

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	51
Length (miles):	3.97
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	5190.75
Capacity:	15800.1
Volume/Capacity Ratio:	0.33
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	70.59
Crash Severity:	45.34
Critical Crash Rate:	20.63
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	26
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	85
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	
Speed Limit:	51
Length (miles):	3.97
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	Yes
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 3	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Wilmington Urban Area MPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$27,930,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$27,930,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$27,930,000</b>	